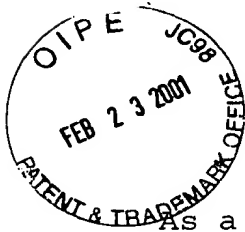


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DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name, that I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention or design entitled **LARGE AREA PATTERN EROSION SIMULATOR**, the specification of which (check one):

___ is attached hereto; or
X was filed on October 24, 2000 as
Application Serial No. _____ and
was amended on _____ (if applicable);

that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and that I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| <u>Number</u> | <u>Country</u> | <u>Date Filed</u> | <u>Priority Claimed (Yes) (No)</u> |
|---------------|----------------|-----------------------|--|
| None. | | | |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

| <u>Application Serial Number</u> | <u>Date Filed</u> | <u>Status</u> |
|--------------------------------------|-------------------|---------------|
| 09/124,339 | July 29, 1998 | allowed |

I hereby appoint:

| | |
|---------------------------|-----------------|
| Jerry W. Mills | Reg. No. 23,005 |
| Robert M. Chiaviello, Jr. | Reg. No. 32,461 |
| Ann C. Livingston | Reg. No. 32,479 |
| Thomas R. Felger | Reg. No. 28,842 |
| Charles S. Fish | Reg. No. 35,870 |
| Kevin J. Meek | Reg. No. 33,738 |
| T. Murray Smith | Reg. No. 30,222 |
| Barton E. Showalter | Reg. No. 38,302 |
| David G. Wille | Reg. No. 38,363 |
| Bradley P. Williams | Reg. No. 40,227 |
| Terry J. Stalford | Reg. No. 39,522 |
| Christopher W. Kennerly | Reg. No. 40,675 |
| Harold E. Meier | Reg. No. 22,428 |
| Douglas M. Kubehl | Reg. No. 41,915 |
| Samir A. Bhavsar | Reg. No. 41,617 |
| Thomas R. Nesbitt, Jr. | Reg. No. 22,075 |
| James J. Maune | Reg. No. 26,946 |
| Roger J. Fulghum | Reg. No. 39,678 |
| Scott F. Partridge | Reg. No. 28,142 |
| James B. Arpin | Reg. No. 33,470 |


| | |
|---------------------|-----------------|
| Jay B. Johnson | Reg. No. 38,193 |
| Robert W. Holland | Reg. No. 40,020 |
| James L. Baudino | Reg. No. 43,486 |
| Tara D. Knapp | Reg. No. 43,723 |
| William B. Borchers | Reg. No. 44,549 |
| Brian W. Oaks | Reg. No. 44,981 |
| Luke K. Pedersen | Reg. No. 45,003 |
| Matthew B. Talpis | Reg. No. 45,152 |
| David M. Doyle | Reg. No. 43,596 |
| Keiko Ichiye | Reg. No. 45,460 |
| Jeffery D. Baxter | Reg. No. 45,560 |
| Thomas A. Beaton | Reg. No. 46,543 |
| Kurt M. Pankratz | Reg. No. 46,977 |
| Brian E. Szymczak | Reg. No. 47,120 |
| Thomas J. Frame | Reg. No. 47,232 |
| Patent Agents: | |
| Brian A. Dietzel | Reg. No. 44,656 |
| Kevin R. Imes | Reg. No. 44,795 |

all of the firm of Baker Botts L.L.P., my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

| | |
|--------------------------------|-----------------------------------|
| <u>Send Correspondence To:</u> | <u>Direct Telephone Calls To:</u> |
| Baker Botts L.L.P. | Ann C. Livingston |
| 2001 Ross Avenue | at 512.322.2634 |
| Dallas, Texas 75201-2980 | Atty. Docket No.090936.0395 |

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may

jeopardize the validity of the application or any patent
issuing thereon.

| | |
|---------------------------------|---|
| Full name of the sole inventor | Scott R. Runnels |
| Inventor's signature | <u></u> |
| Date | <u>11/20/2000</u> |
| Residence (City, County, State) | San Antonio, Bexar County, Texas |
| Citizenship | United States of America |
| Post Office Address | 1938 Fallow Run San Antonio, Texas 78248 |